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(12) United States Patent Blake et al.

(54) ASPHERIC SOFT LENS

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This patent is subject to a terminal dis-

claimer.

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- Continuation of application No. 09/022,707, filed on Feb. 12, 1998, now abandoned, which is a continuation of application No. 08/161,194, filed on Dec. 1, 1993, now Pat. No. 6,797,003, which is a continuation of application No. 08/028,522, filed on Mar. 10, 1993, now abandoned, which is a continuation of application No. 07/626,736, filed on Dec. 13, 1990, now abandoned, and a continuation-in-part of application No. 07/509,871, filed on Apr. 16, 1990, now Pat. No. 5,019,099, which is a continuation-in-part of application No. 07/262,985, filed on Oct. 26, 1988, now Pat. No. 5,104,590, which is a continuation of application No. 07/232,140, filed on Aug. 15, 1988, now Pat. No. 4,917,681, which is a division of application No. 07/088,227, filed on Aug. 24, 1987, now Pat. No. 4,769,033.
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(57) ABSTRACT

An aspheric soft intraocular lens, having an optical power surface, which may have multiple radii portions or aspherical portions, as well as spherical portions, intended to replace the crystalline lens of a patient's eye, in particular after a cataract extraction. Such an aspheric soft lens is molded in a coined mold. A pair of core pins, positioned within the mold cavity during the lens forming process, will produce a pair of haptic-mounting holes within the lens. As the lenses are subsequently tumbled to remove flash, indentations will form adjacent to the haptic-mounting holes. These indentations allow for tangential attachment of the haptic to the lens which, in turn, enables maximum flexibility without exceeding the width of the optic.

3 Claims, 8 Drawing Sheets

